

PATENT
GAMBRO 3.3-250

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of
EKDAHL et al.

International Application No.
PCT/SE99/01541

International Filing Date:
6 September 1999

For: APPARATUS FOR MONITOR-
ING A FLUID CONDUIT

Group Art Unit:

Examiner:

Date: March 12, 2001

5/Pre Amended
P. Walker
10-4-01

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Preliminary to initiation of the prosecution of the
above-identified pending U.S. patent application, the following
amendments and remarks are respectfully submitted.

IN THE ABSTRACT

Please delete the Abstract as filed and substitute
therefor the attached revised Abstract.

IN THE SPECIFICATION

Please amend the Specification in accordance with the
attached revised Specification.

IN THE CLAIMS

Please cancel claims 1-13 and add new claims 14-31.

14. (NEW) Apparatus for determining the presence of a
fluid conduit at a predetermined location and at least one
characteristic of the contents of said fluid conduit, said
apparatus comprising a light source for generating radiated light
in a direction towards said predetermined location, whereby when
said fluid conduit is present at said predetermined location said
radiated light passes in a direction through said fluid conduit,
a first optical sensor for detecting said radiated light passing

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